

ABSTRACT

The invention concerns a C-arm x-ray device with a non-isocentric C-arm on which an x-ray source is positioned and that can be orbitally or angularly rotated, whereby the C-arm x-ray device comprises a device fashioned to horizontally adjust the C-arm (which enables an adjustment of the C-arm within the plane of the C-arm) and a device fashioned to vertically adjust the C-arm, where the horizontal adjustment device and the vertical adjustment device are fashioned such that they can automatically move the central x-ray beam of the x-ray source back into the isocenter, given an orbital or angulatory rotation of the C-arm via the horizontal and vertical adjustment device. An appertaining method is also provided.